



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

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LITTLE WICOMICO RIVER

Growing Area # 010
Northumberland County
Shoreline Sanitary Survey

Date: 30 October 2000

Survey Period: January 14 - August 2, 2000

Total Number of Properties Surveyed: 1152

Surveyed By: D.B. Geeson, J.M. Smither and R.M. Thomas

SECTION A: GENERAL

This survey area extends from Reference Point 10 off State Route 739 (extended to the Potomac River) to Reference point 11 off State Route 652 (extended to the Chesapeake Bay), including the Potomac River and Chesapeake Bay shorelines between these two points, Little Wicomico River (Ellyson Creek, Bridgemans Back Creek, Spences Creek, Spring Cove, Sawmill Cove, Hansons Cove, Willis Creek, Sloop Creek, Cod Creek, Back Creek, Bridge Creek, Horse Pond, Sharps Creek, Slough Creek, Rock Hole), and all of their tributaries.

The topography in this area varies in elevations from 5' or less along the shoreline to a maximum of 100' near the western edge of the survey boundary. The population is mostly sparse with moderate concentrations in the various residential subdivisions in the area. The economy is primarily based on service-oriented businesses, the seafood industry, recreation and agriculture.

There were a few houses off State Route 652 in Beverlyville that hooked into the Reedville sewerage system. Those houses are marked on the accompanying map. The processing waste lagoon at Huff and Puff Pet Foods, which was listed as an industrial waste facility (property #364) in the previous report, is no longer being used. This facility is currently owned by Pride of Virginia Seafood and is used as a warehouse. E. F. Lewis and Sons Seafood, also an industrial waste facility (property #455) in the previous report, no longer has an active VPDES discharge permit. The business has stopped processing soft crabs. They currently operate under the name of Lewis Seafood. There were two campgrounds (K.O.A. and Smith Point) in the area that were found to be in satisfactory condition at time of inspection. Smith Point Campground had a modest increase of 12 additional sites.

During this survey period, meteorological data indicated that 26.10" of precipitation was recorded. A monthly breakdown follows:

January 14-31	0.70"	March	2.46"	May	3.00"	July	11.24"
February	1.21"	April	2.71"	June	4.72"	August 1-2	0.06"

Copies for Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/environmentalhealth/shellfish/>.

Information in this report is gathered by and primarily for the use of the Division of Shellfish (DSS), Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data is made available to various agencies participating in shellfish program coordinated activities and other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality (DEQ) for possible action at the properties listed on the summary page in Section C.1. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or other environmental significance. "***DIRECT***" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of DSS and are available for reference until superceded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT WORKS

-None-

ONSITE SEWAGE DEFICIENCIES

5. NO FACILITIES, ***DIRECT*** – Location: off State Route 644, Ophelia 22530. Owner: 140 Ferry Road, Ophelia. Private boat docking facility for fish handling business. No contact. Sanitary Notice issued 10-27-00 to field # C116.
6. NO FACILITIES, ***DIRECT*** – Gaskins Seafood, 114 Ferry Road, Heathsville 22473. Business- fish processing facility. 6 employees. Using a commercial privy. Sanitary Notice issued 8-21-00 to field # C119.
10. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 834 Wicomico Point Road, Ophelia 22530. Dwelling – yellow vinyl siding and frame 2 story. 1 person. Effluent erupting from drainfield onto ground surface 50' from the Little Wicomico River. Sanitary Notice issued 6-23-00 to field # C258.
13. NO FACILITIES – Location: 845 Gonyon Road, Burgess 22432. Dwelling – white frame 1 story. 1 person. Using a commercial privy. Sanitary Notice issued 8-2-00 to field # C353.
14. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 764 Hull Neck Road, Heathsville 22473-2716. Dwelling – white cement block 1¼ story cottage with black trim. 1 person. Laundry wastes discharge through a 2" PVC pipe onto ground surface. Grease trap effluent seeping around lid onto ground surface. Sanitary Notice issued 3-24-00 to field # B11.

18. NO FACILITIES, ***DIRECT*** – Lewis Seafood, 62 Shipping Point Drive, Burgess 22432. Owner: Route 1, Box 110, Reedville 22539. Business- fish retailer. 3 employees. Sanitary Notice issued 10-27-00 to field # B126.
22. CONTRIBUTES POLLUTION – Location: 183 Old Bethany Drive, Reedville 22539. Dwelling– white frame 1 story. 2 persons. Unapproved plywood lid over septic tank. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 4-28-00 to field # A297.
27. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: Leroy's Marina, off State Route 650, Reedville 22539. Owner: Route 1, Box 292, Reedville. Dwelling– white "Trotwood" house trailer. No contact. Kitchen wastes draining onto ground surface through a 2" plastic pipe. Sanitary Notice issued 7-21-00 to field # A377.
28. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: Leroy's Marina, off State Route 650, Reedville 22539. Owner: Route 1, Box 292, Reedville. Dwelling– tan "Prowler" house trailer with a brown stripe. No contact. Kitchen wastes draining onto ground surface through a 2" plastic pipe. Sanitary Notice issued 7-21-00 to field # A376.
30. CONTRIBUTES POLLUTION – Location: 185 Smith Point Road, Reedville 22539. Owner: PO Box 24, Heathsville 22473. Dwelling– white vinyl siding 1 story with black shutters. No contact. Effluent erupting onto ground surface from a cracked lid on septic tank. Sanitary Notice issued 3-10-00 to field # A45.
31. CONTRIBUTES POLLUTION – Location: 211 Smith Point Road, Reedville 22539. Owner: 7501 Remoor Road, Baltimore, MD 21207. Dwelling– white frame 2 story with black shutters. No contact. Effluent erupting from septic tank into a shallow trench leading to roadside ditch; and

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Grease trap has an unapproved plywood lid. Sanitary Notice issued 3-10-00 to field # A44.
32. CONTRIBUTES POLLUTION – Location: Barnes Stable Road, Reedville 22539. Owners: 2750 Chain Bridge Road, Vienna 22181. Dwelling– gray frame 1 story with red trim and door. No contact. Clean-out cap broken, exposing contents in sewer line. Sanitary Notice issued 3-10-00 to field # A41.
33. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 431 Smith Point Road, Reedville 22539. Dwelling– white frame 1½ story with black trim and awnings. 3 persons. Laundry wastes discharge through a 1" black plastic pipe onto ground surface. Sanitary Notice issued 3-3-00 to field # A34.
35. CONTRIBUTES POLLUTION – Location: 17 Gaskins Beach Road, Reedville 22539. Owner: 324 C Street, Clifton Forge 24422. Dwelling– white frame 1 story with white trim. No contact. Pit privy undermined, allowing waste to seep onto ground surface. Sanitary Notice issued 7-7-00 to field # A313.

POTENTIAL POLLUTION

1. Location: 1375 Lighthouse View Road, Ophelia 22530. Dwelling – white frame 1½ story with asbestos shingles. No contact. Observed on-site were 7 junked vehicles scattered throughout property.

7. Location: 206 Wicomico Harbor Drive, Ophelia 22530. Dwelling – brown frame 1 story. No contact. Observed on-site were 4 junked vehicles scattered throughout property.
11. Location: 56 Hudnall Lane, Ophelia 22530. Dwelling – white house trailer with red trim. No contact. Observed on-site were 3 junked vehicles, assorted household trash and appliances scattered throughout property.
12. Location: 2938 Hack's Neck Road, Heathsville 22473. Dwelling – frame 1 story. No contact. Observed on-site were 2 cars, 1 bus, numerous tires, and various automobile parts scattered throughout property.
15. Location: PO Box 158, Reedville 22539. Business – agricultural. No contact. Observed on-site were eight tank trailers parked in an old barrow pit. Contents unknown. No evidence of leakage or discharge at time of inspection.
25. Location: 2787 Sunnybank Road, Reedville 22539. Dwelling – blue cement block 1 story with white trim. No contact. A 4" cast iron pipe of undetermined origin was observed exiting waterfront side of house into the Little Wicomico River. No evidence of discharge at time of inspection.

SECTION C: NON-SEWAGE POLLUTION SOURCES

INDUSTRIAL WASTES

16. **DIRECT** – Little River Seafood, 440 Rock Town Road, Reedville 22539. Business – commercial crustacea processing plant (VA-70C). 66 employees. Processing and washdown wastes from crabmeat picking and packing rooms, refrigeration rooms, and wastes from retort cookers discharge into the Little Wicomico River. Hand basins discharge into the septic system. Has VAG Permit # VAG524018 from DEQ. Permit expires 7-24-01.
17. **DIRECT** – Purcell Seafood, 88 Shipping Point Drive, Burgess 22437. Business – commercial shellfish processing plant (VA-309SP). 30 employees. Washdown and blower tank wastes discharge into the Little Wicomico River. Hand basins discharge into the septic system. Has VAG Permit # VAG524034 from DEQ. Permit expires 7-24-01.
26. **DIRECT** – Occupant: Leroy's Marina, State Route 650, Reedville 22539. Owner: Route 1, Box 292, Reedville 22539. Business – commercial marina. No contact. Observed on-site were 3x600-gallon fuel tanks inside a 4' cinder block berm 50' from Slough Creek. One bottom cinder block was removed for the pipes from the fuel tanks to exit to the fuel pumps on the dock. Also present at time of survey were 3 sunken boats with the inboard engines still intact at the end of the dock.

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

5. F. T. Jett Seafood, off State Route 644, Ophelia 22530. Owner: 140 Ferry Road, Ophelia. Private boat docking facility for fish handling business. 6 slips/moorings. Present at time of survey were 2 work boats under 26' and 5 work boats over 26'. Boating services include fuel, electricity, and water. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities, or portable toilet dump station facilities available at this location.
6. Gaskins Seafood, 114 Ferry Road, Heathsville 22473. Business - fish processing facility. 6 employees. 10 slips/moorings available. Present at time of survey were 5 work boats over 26' and 2 work boats under 26'. The only boating service provided was fuel. Containers were available for solid waste collection. There was 1 unisex commercial privy available. Sewage disposal is by pump and haul. There were no portable toilet dump station facilities provided at this location. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities.
8. J.D. Krentz Marina, 375 Flood Point Farm Drive, Heathsville 22473. Commercial marina. 1 person. 41 slips/moorings available. Present at time of survey were 13 pleasure boats under 26', and 24 pleasure boats over 26'. Boating services provided were electricity and water. Containers were available for solid waste collection. Sanitary facilities provided were 1 privy for men and 1 privy for women. There were no portable toilet dump station facilities provided at this location. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities.
9. Cockrell's Marine Railway, 309 Wicomico Point Road, Heathsville, 22473. Commercial marina and boat repair facility. 3 employees. 19 slips/moorings available. Present at time of survey were 17 pleasure boats over 26', 1 work boat under 26', and 1 work boat over 26'. Boating services provided were water, electricity, repair, and in-out ramp. Containers were provided for solid waste collection. There was 1 unisex vault privy available. Sewage disposal is by pump and haul. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location.
19. Sherwood Forest Shores pier, end of State Route 1306, Reedville 22539. Owners: Sherwood Forest Association, PO Box 217, Reedville. Private marina. No contact. 25 slips/moorings available. Present at time of survey were 8 pleasure boats under 26'. Boating services provided were water, electricity, and an in-out ramp. Containers were not available for solid waste collection. Sanitary facilities provided were 1 commode, 1 urinal, 2 lavatories and 1 shower for men; and 2 commodes, 2 lavatories and 1 shower for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at the time of inspection. Portable toilet dump station facilities were provided. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.
26. Leroy's Marina, end of State Route 650, Reedville 22539. Owner: Route 1, Box 292, Reedville. Commercial marina. No contact. 26 slips/moorings available. Present at the time of survey were 7 pleasure boats and 1 work boat under 26' and 17 pleasure boats over 26'. Boating services provided are water, electricity, and fuel. Containers were available for solid waste collection. Sanitary facilities provided are 1 commode, 1 urinal, 1 lavatory, and 2 showers for men; and 2 commodes, 1 lavatory, and 2 showers for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in

satisfactory condition at the time of inspection. There were no portable toilet dump station facilities or boat holding tank pump-out facilities provided at this location.

34. Smith Point Marina, end of State Route 651, Reedville 22539. Owner: 989 Smith Point Road, Reedville. Commercial marina. 3 employees. 119 slips/moorings/25 dry storage spaces available. Present at time of survey were 6 pleasure boats under 26' and 1 work boat and 31 pleasure boats over 26' in wet storage; and in dry storage there was 1 pleasure boat under 26'. Boating services provided were water, electricity, fuel, repair and an in-out ramp. Containers were available for solid waste collection. Sanitary facilities provided were 2 commodes, 1 urinal, 4 lavatories and 1 shower for men; and 3 commodes, 3 lavatories and 1 shower for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facilities were provided at this location.

OTHER PLACES WHERE BOATS ARE MOORED

4. Location: 1371 Lighthouse View Drive, Heathsville 22473. Private boat docking facility. No contact. 4 slips/moorings available. Present at time of survey were 4 work boats over 26'. There were no boating services, containers for solid waste collection, sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
17. Purcell Seafood, Incorporated, 88 Shipping Point Drive, Burgess 22437. Commercial seafood processing plant. 3 employees. 5 slips/moorings available. There were no boats present at time of survey. The only boating service available was electricity. There were no containers provided for solid wastes collection. Sanitary facilities provided were 1 pit privy for men and 1 pit privy for women. Privies appeared to be in satisfactory condition at time of inspection. There were no boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
18. Lewis Seafood, 62 Shipping Point Drive, Burgess 22437. Owner: Route 1, Box 110, Reedville 22539. Commercial fish dock. 2 employees. 6 slips/moorings available. Present at time of survey were 2 work boats under 26' and 4 work boats over 26'. Boating services provided were water and electricity. There were no solid waste containers, sanitary facilities, boat holding tank pump-out facilities or portable dump station facilities available at this location.
23. Bridge Creek Estates, end of State Route 1321, Reedville 22539. Owners: Bridge Creek Estates Landowners Association, Incorporated, 2713 Hillside Court, Ijamville, MD 21754. Private pier. No contact. 8 slips/moorings available. Present at the time of survey was 1 pleasure boat under 26'. The only boating service provided was an in-out ramp. Containers were not available for solid waste collection. Owners have an exemption to the requirement to provide onshore sanitary facilities, boat holding tank pump-out facilities and portable toilet dump station facilities at this location.
24. Sunnybank Marine Railway, Incorporated, end of State Route 650, Reedville 22539. Owner: 752 Sweet Hall Drive, Reedville. Private pier and boat hull repair facility. No contact. 4 slips/moorings available. Present at the time of survey was 1 work boat under 26'. Boating services provided were electricity and repair. Containers were not available for solid waste collection. There was 1 unisex privy on-site that appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities were available. There were no boat holding tank pump-out facilities provided at this location.

29. Reedville KOA Campground, end of State Route 650, Reedville 22539. Owner: Gordon Evans, 382 Campground Road, Reedville. Private pier and campground. 3 employees. 30 slips/moorings available. Present at the time of survey were 2 pleasure boats under 26' and 2 work boats over 26'. Boating services provided were electricity, water, and an in-out ramp. Containers were available for solid waste collection. Sanitary facilities provided were 4 commodes, 2 urinals, 6 lavatories and 3 showers for men; and 6 commodes, 6 lavatories and 3 showers for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Portable toilet dump station facilities and boat holding tank pump-out facility were available at this location.

UNDER SURVEILLANCE

2. Location: end of State Route 649, Ophelia 22530. Owner: 234 Lighthouse View Road, Ophelia. Private boat docking facility. No contact. 5 slips/moorings available. There were no boats present at time of survey. There were no boating services provided, containers available for solid waste collection, sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
3. Location: end of State Route 649, Ophelia 22530. Owner: Country Side Corporation, c/o R. Clarke Jones, Jr., 48 Cove Place, Ophelia. Private boat docking facility. No contact. 2 slips/moorings available. Present at time of survey were 1 pleasure boat under 26' and 1 pleasure boat over 26'. The only boating service provided is an in-out ramp. There were no containers for solid waste collection, sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

20. ***DIRECT*** – Sherwood Forest Shores Association, end of State Route 1303, Reedville 22539. Community association. No contact. Present at the time of survey were 26 domestic geese in a fenced area with a small pond. The pond drains directly into the Little Wicomico River. Waste disposal is unknown.
21. Location: 330 Burington Lane, Reedville 22539. Dwelling – white frame 2 story with black trim. 2 persons. Present at time of survey were 10 cows in a fenced pasture approximately 35' from Bridge Creek. Manure is left on the ground.

SUMMARY

Area # 010
Little Wicomico River
30 October 2000

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

0 – DIRECT – None

0 – INDIRECT – None

0 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

1 – CONTRIBUTES POLLUTION, DIRECT – # 10

5 – CONTRIBUTES POLLUTION, INDIRECT – # 22, 30, 31, 32, 35

0 – CP (Kitchen or Laundry Wastes), DIRECT – None

5 – CP (Kitchen or Laundry Wastes), INDIRECT – # 14, 27, 28, 31, 33

3 – NO FACILITIES, DIRECT – # 5, 6, 18

1 – NO FACILITIES, INDIRECT – # 13

15 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

6 – POTENTIAL POLLUTION – # 1, 7, 11, 12, 15, 25

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

3 – DIRECT – # 16, 17, 26

0 – INDIRECT – None

3 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

0 – DIRECT – None

0 – INDIRECT – None

0 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

7 – MARINAS – # 5, 6, 8, 9, 19, 26, 34

6 – OTHER PLACES WHERE BOATS ARE MOORED – # 4, 17, 18, 23, 24, 29

2 – UNDER SURVEILLANCE – # 2, 3

15 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 20

1 – INDIRECT – # 21

2 – E. TOTAL

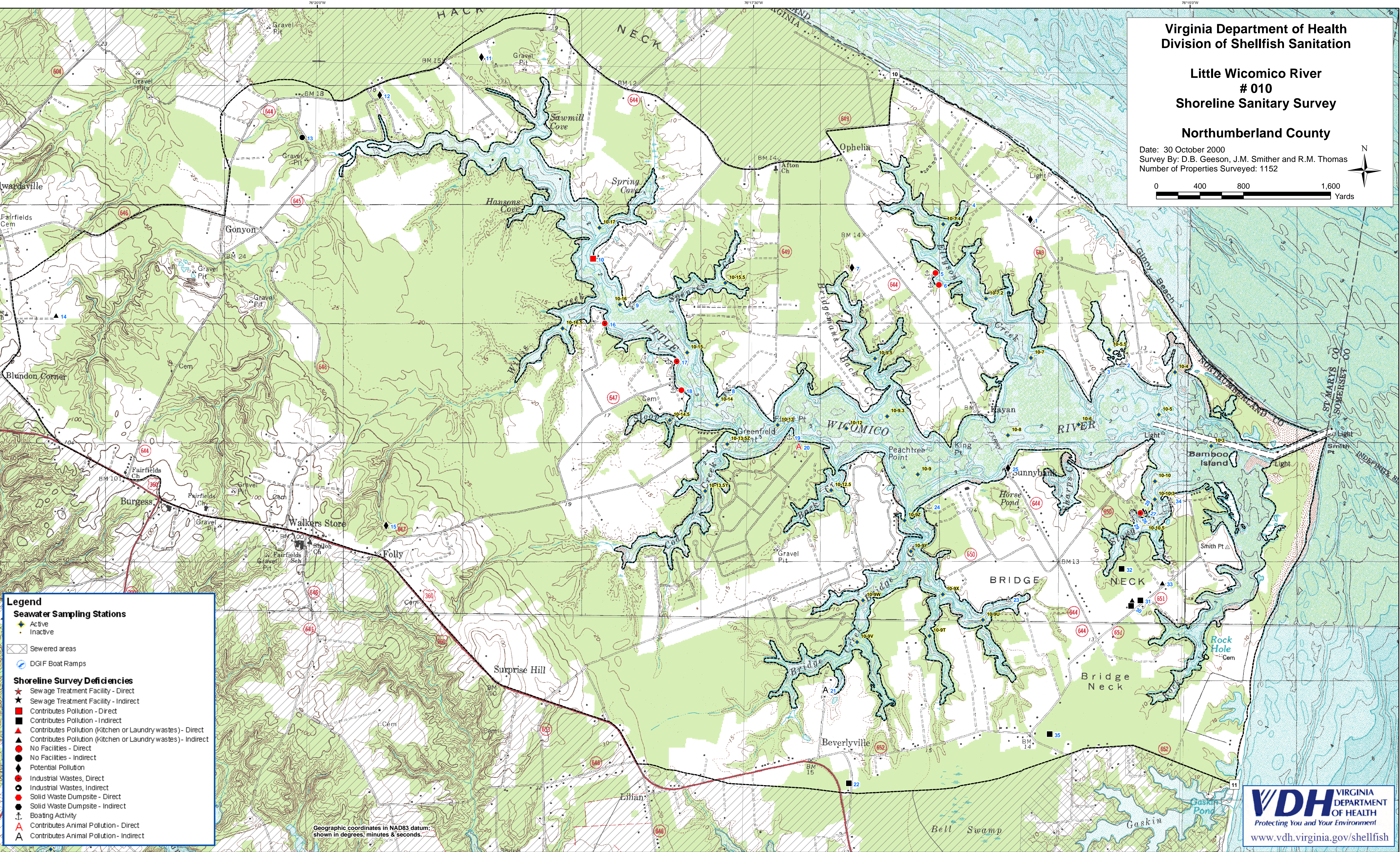
Virginia Department of Health
Division of Shellfish Sanitation

Little Wicomico River
010
Shoreline Sanitary Survey

Northumberland County

Date: 30 October 2000
Survey By: D.B. Geeson, J.M. Smither and R.M. Thomas
Number of Properties Surveyed: 1152

0 400 800 1,600
Yards



Legend

Seawater Sampling Stations

- Active (yellow star)
- Inactive (grey star)

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct (red star)
- Sewage Treatment Facility - Indirect (black star)
- Contributes Pollution - Direct (red square)
- Contributes Pollution - Indirect (black square)
- Contributes Pollution (Kitchen or Laundry wastes) - Direct (red triangle)
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect (black triangle)
- No Facilities - Direct (red circle)
- No Facilities - Indirect (black circle)
- Potential Pollution (black diamond)
- Industrial Wastes, Direct (red circle with dot)
- Industrial Wastes, Indirect (black circle with dot)
- Solid Waste Dumpsite - Direct (red circle with cross)
- Solid Waste Dumpsite - Indirect (black circle with cross)
- Boating Activity (red anchor)
- Contributes Animal Pollution - Direct (red 'A')
- Contributes Animal Pollution - Indirect (black 'A')

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.